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Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail No.: EL744195698US
Attorney Docket No.: 2004367-0029
Date Filed: October 8, 2003

UTILITY PATENT APPLICATION TRANSMITTAL

(for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

<u>Given Name (first and middle)</u>	<u>Family Name or Surname</u>	<u>Residence (City and State or Foreign Country)</u>
Lawrence A.	Shimp	Morganville, NJ
David	Knaack	Holmdel, NJ

Title of the Invention: Coupling Agents for Orthopedic Biomaterials

A) APPLICATION ELEMENTS:

- 1) ☐ **Fee Transmittal Form** (original and duplicate submitted for fee processing)
- 2) ☒ **Applicant Claims Small Entity Status** (see 37 C.F.R. § 1.27)
 - a) ☐ **Statement Verifying Small Entity Status** (optional)

22581 U.S. PTO
10/681651
100803

- 3) ☒ **Specification** TOTAL PAGES: 40
- ☒ Descriptive Title of the Invention
 - ☒ Cross References to Related Applications (if applicable)
 - ☐ Statement Regarding Federally Sponsored R & D (if applicable)
 - ☐ Reference to sequence listing, a table, or a computer program listing appendix
 - ☒ Background of the Invention
 - ☒ Summary of the Invention
 - ☐ Description of the Drawing (if filed)
 - ☒ Detailed Description of the Invention
 - ☒ Claim(s)
 - ☒ Abstract of the Invention
- 4) ☐ **Drawing(s)** (35 U.S.C. § 113) TOTAL SHEETS: _____
- a) ☐ Formal Drawings (if checked)
- 5) ☐ **Oath or Declaration** TOTAL PAGES: _____
- a) ☐ Newly Executed (original or copy)
 - b) ☐ Copy from a prior application (37 C.F.R. § 1.63(d))-for continuation/divisional application
 - i) ☐ Deletion of inventor(s): Signed Statement deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
 - c) ☐ Unexecuted
- 6) ☐ **Application Data Sheet**. See 37 C.F.R. § 1.76.
- 7) ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**
- 8) ☐ **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are necessary)
- a) ☐ Computer Readable Form (CRF)
 - b) ☐ Specification Sequence Listing on:
 - i) ☐ CD-ROM or CD-R (2 copies); or
 - ii) ☐ Paper
 - c) ☐ Statements verifying identity of above copies

B) ACCOMPANYING APPLICATION PARTS:

- 9) ☐ **Assignment Papers** (cover sheet & document(s))
- 10) ☐ **37 C.F.R. § 3.73(b) Statement** (when there is an assignee)
- 11) ☐ **Power of Attorney**
- 12) ☐ **English Translation Document** (if applicable)
- 13) ☐ **Information Disclosure Statement (IDS)/PTO-1449**
- 14) ☐ **Copies of IDS Citations**
- 15) ☐ **Preliminary Amendment**
- 16) ☒ **Return Receipt Postcard (MPEP 503)** (specifically itemized)
- 17) ☐ **Certified Copy of Priority Document(s)** (if foreign priority is claimed)
- 18) ☐ **Nonpublication Request under 35 U.S.C. § 122(b)(2)(B)(i)**
- 19) ☐ **OTHER:** (if applicable, specified below)

C) FOR CONTINUING APPLICATIONS: (the appropriate box is checked, and certain information is provided below and in a preliminary amendment)

☐ continuation ☐ divisional ☐ continuation-in-part (CIP)

of prior application no.: _____

filed: _____

examiner: _____

group/art unit: _____

for continuation or divisional applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied as detailed above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

D.) PRIORITY CLAIM(S):

This application claims the benefit under 35 U.S.C. § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below:

<u>Application Serial No.</u>	<u>Filing date</u>	<u>Status (patented, pending, abandoned)</u>
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This application claims the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>Application Serial No.</u>	<u>Filing date</u>	<u>Status (pending, expired, abandoned)</u>
60/416,904	October 8, 2002	Pending

E) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

- ☒ Applicant claims small entity status 37 C.F.R. § 1.27.
- ☒ A check for \$1,131.00 is enclosed to cover the filing fees.
- ☒ The commissioner is hereby authorized to charge filing fees or to credit any overpayment to deposit account number 03-1721.

Basic Filing Fee (Small Entity)	\$385.00
Additional Fees:	
Total Number of Claims in excess of 20: (84- 20) x \$9	\$576.00
Number of Independent Claims in excess of 3:(4- 3) x \$43	\$43.00
Multiple Dependent Claims \$145:	<u>\$145.00</u>
Total Filing Fee:	\$1149.00

F) CORRESPONDENCE ADDRESS:

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Respectfully Submitted,



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